SMP3PMCTX
Supervised Power Supply/Charger

Rev. DSSMP3PMCTX_07162012

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Overview

This supervised power supply/charger will convert a 115VAC/230VAC, 50/60Hz input, into a regulated 12VDC or 24VDC output @ 2.5 amp continuous supply current.

Specifications

Input:
- Input 115VAC, 50/60Hz, 0.65 amp or 230VAC, 50/60Hz, 0.35 amp.

Output:
- 12VDC or 24VDC selectable output.
- 2.5 amp supply current.
- Filtered and electronically regulated outputs.
- Short circuit and thermal overload protection.

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current 0.5 amp.
- Zero voltage drop when switching over to battery backup.

Supervision:
- AC fail supervision (form “C” contacts).
- Battery presence and low battery supervision (form “C” contacts).

Visual Indicators:
- AC input and DC output LED indicators.

Electrical:
- Operating temperature: 0º C to 49º C ambient.
- BTU/Hr.:
  - 12VDC: 10 BTU/Hr.
  - 24VDC: 18 BTU/Hr.
- System AC input VA requirement:
  - 115VAC: 74.75VA.
  - 230VAC: 80.5VA.

Mechanical:
- Enclosure Dimensions (H x W x D approx.): 13.5” (342.9mm) x 13” (330.2mm) x 3.25” (82.55mm)
  - Accommodates up to two (2) 12VDC/7AH batteries.
- Product weight (approx.): 7.1 lbs. (3.22 kg.).
- Shipping weight (approx.): 8.0 lbs. (3.63 kg.).

Enclosure Dimensions *(H x W x D) (approximate)*:

13.5” (342.9mm) x 13” (330.2mm) x 3.25” (82.55mm)